

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



10/507254



(43) International Publication Date
20 November 2003 (20.11.2003)

PCT

(10) International Publication Number
WO 03/095662 A2

(51) International Patent Classification⁷: C12Q

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(21) International Application Number: PCT/EP03/04793

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(22) International Filing Date: 7 May 2003 (07.05.2003)

(25) Filing Language: English

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LT, LU, LV, MA, MD, MK, MN, MX, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SE, SG, SK, TJ, TM, TN, TR, TT, UA, US, UZ, VC, VN, YU, ZA, ZW.

(26) Publication Language: English

(30) Priority Data:
0210535.1 8 May 2002 (08.05.2002) GB

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(84) Designated States (*regional*): Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR).

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Published:

— without international search report and to be republished upon receipt of that report

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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: PIN COATED ASSAY

(57) Abstract: A method for identifying an agent that has an influence on the amount of an analyte expressed by a cell, said method comprising: - stimulating a cell to produce at least 2 analytes, - forming, in the absence and in the presence of a candidate compound, on the pins of a matrix at least 2 recognition complexes between an analyte and a recognition molecule, - treating said recognition complexes with detection molecules to obtain on the pins of the matrix detection complexes, - determining each amount of each detection complex formed on the pins, - comparing each amount of detection complex formed in the absence and in the presence of a candidate compound, and - choosing a candidate compound which has an influence on the amount of at least one of the detection complexes formed as a pharmaceutical agent.

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